

LICHENS OF THE GASPÉ PENINSULA, QUEBEC.

CARROLL W. DODGE.

(Continued from p. 161.)

BAEOMYCES ROSEUS Pers. Gaspé coast, *Macoun* 165; *Cap Rosier, *Macoun*.

CLADONIA RANGIFERINA (L.) Web. emend. Vainio. Lac Perré, *Dodge* 2709, Tabletop Range; Mt. Albert, *Dodge* 2880, *Collins* 4177 k.

C. SYLVATICA (L.) Hoffm. var. *SYLVESTRIS* Oed. Mt. Dunraven, *Dodge* 2306, Tabletop range; Gaspé, *Macoun* 93; Mt. Albert *Collins* 4177 l.

C. IMPEXA Harm. var. *LAXIUSCULA* Del. Castle Ridge, *Collins* 4509D, Tabletop range (Moribund); R. Ste. Anne des Monts *Collins* 4645 n 4645 q.

C. ALPESTRIS (L.) Rabenh. between Mt. Logan and Mt. Pembroke, *Dodge* 2289, Logan range; Mt. Albert, *Dodge* 2881, *Collins* 4123a, 4177m; Gaspé, *Macoun* 171.

C. BACILLARIS Nyl. var. *ELEGANTIOR* Vainio. base of Big Chimney, Mt. Mattaouisse, *Dodge* 2831, Logan range.

C. MACILENTA Hoffm. var. *STYRACELLA* (Ach.) Vainio. Matane, *Dodge* 2140.

? *C. DIGITATA* (Hagen) Schaer. between Mt. Pembroke and Mt. Couvert de Chaudron, *Dodge* 2622, Logan range.

C. COCCIFERA (L.) Willd. *C. cornucopioides* (L.) Fr. var. *PLEUROTA* (Floerke) Schaer. top of Mt. Albert, *Dodge* 2288, *Collins* 4177d; cliffs above Lac Pleureuse, *Dodge* 2156. Var. *STEMMATINA* Ach. base of Big Chimney, Mt. Mattaouisse, *Dodge* 2832, Logan range; *Collins* 4400; Granite Block Pond, *Collins* 4427F, Tabletop range (under *C. deformis* Hoffm., Riddle Herb.). Var. *CORONATA* Del. gorge of northeast branch of the R. Ste. Anne des Monts, *Dodge* 2172, Tabletop range.

? *C. CORALLIFERA* (Kunze) Nyl. var. *TRANSCENDENS* Vainio. base of Big Chimney, Mt. Mattaouisse, *Dodge* 2867, Logan range, (known only from the type collection of Lyall on the Oregon Boundary Commission, no authentic material seen but a specimen in the Farlow Herb. collected by Lyall, agrees well with the description).

C. DEFORMIS Hoffm. Fernald Pass, *Dodge* 2174, between Mt. Couvert de Chaudron and Mt. Pembroke, *Dodge* 2621, Logan range; Mt. Albert, *Collins* 4177e; Lac Perré, *Dodge* 2169, Tabletop range. F.

- GONECHUS (Ach.) Nyl. *C. sulphurina* (Michx.) Fr. between Mt. Pembroke and Mt. Couvert de Chaudron, *Dodge 2623*, Big Chimney Mt. Mattaouisse, *Dodge 2868*, Logan range. Var. ELEPHANTIASICA Del. in Dub. Island in Lac Perré, *Dodge 2304*, Tabletop range.
- C. CRISTATELLA Tuck. Gaspé coast, *Macoun 119* (nearly sterile). Var. VESTITA Tuck. between Mt. Logan and Mt. Pembroke, *Dodge 2287*. Var. BEAUVOISII (Del.) Vainio. Big Chimney, Mt. Mattaouisse, *Dodge 2648, 2830*, Logan range. Var. RAMOSA Tuck. Big Chimney, Mt. Mattaouisse, *Dodge 2771*, Logan range.
- C. UNCIALIS (L.) Web. m. DICRAEA Ach. Big Chimney, Mt. Mattaouisse, *Dodge 2833*, Logan range. Mod. INTEGERRIMA Vainio. Mt. Albert, *Collins 4177b*.
- C. RANGIFORMIS Hoffm. var. PUNGENS (Ach.) Vainio. Big Chimney, Mt. Mattaouisse, *Dodge 2834*, Logan range; Mt. Dunraven, *Dodge 2710*, Lac Perré, *Dodge 2170*, Tabletop range.
- * C. DELICATA (Ehrh.) Floerke. Fink list.
- C. SUBSQUAMOSA Nyl. var. PULVERULENTA Nyl. Big Chimney, Mt. Mattaouisse, *Dodge 2835*, Logan range. Var. LUXURIANS Nyl. Big Chimney, Mt. Mattaouisse, *Dodge 2836*, Logan range.
- C. FURCATA (Huds.) Schrad. var. SCABRIUSCULA (Del.) Coem. Mt. Albert, *Collins 4177n*; Baker's woods, Gaspé, *Macoun 170*.
- C. CRISPATA (Ach.) Flot. var. SCHISTOPODA Vainio. (*C. symphyocarpa* of Macoun's list) Gaspé county, *Macoun 81*. Var. SUBCRISPATA (Nyl.) Vainio. *C. Novae-Angliae* Merrill not *Cenomyce Novangliae* Del. Percé, *Macoun, 148*. Var. VIRGATA (Ach.) Vainio. Mt. Albert, *Collins 4177g*.
- C. SQUAMOSA (Scop.) Hoffm. var. MURICELLA (Del.) Vainio. Big Chimney, Mt. Mattaouisse, *Dodge 2773*, Logan range; Gaspé coast, *Macoun*.
- C. CENOTEIA (Ach.) Schaer. var. CROSSOTA (Ach.) Nyl. between Mt. Pembroke and Couvert de Chaudron, *Dodge 2628*, Logan range.
- C. TURGIDA (Ehrh.) Hoffm. Gaspé coast, *Macoun*; Baker's woods, Gaspé, *Macoun 151*. Var. STRICTA Nyl. Gaspé, *Macoun 218*. Var. SCYPHIFERA Vainio. Gaspé, *Macoun 152*; Mt. Albert, *Collins 4177c*; Tabletop range, *Collins 4428f*.
- * C. CARIOSIA (Ach.) Spreng. Cap Rosier, Fox River, *Macoun*.
- C. GRACILIS (L.) Willd. var. DILATATA (Hoffm.) Vainio. Matane, *Dodge 2134*. Mod. ANTHOCEPHALA Floerke. R. Cap Chat, *Dodge 2145*. Var. ELONGATA (Jacq.) Floerke. Lac Perré, *Dodge 2157*, Mt. Dun-

raven, *Dodge 2158*, Tabletop range; between Mont Louis and Lac Mont Louis, *Dodge 2173*. Var. *DILACERATA* Floerke. Matane, *Dodge 2137*; R. Ste. Anne des Monts, *Collins 4645s*. Var. *CHORDALIS* (Floerke) Schaer. Big Chimney, Mt. Mattaouisse, *Dodge 2770*, between Mt. Pembroke and Mt. Logan, *Dodge 2627, 2713*, Logan range; R. Ste. Anne des Monts, *Dodge 2680*; Lac Perré, *Dodge 2686, 2687, 2688*, Granite Block Pond, *Collins 4427B*, gorge of northeast branch of the R. Ste. Anne des Monts, *Dodge 2168*, Tabletop range. Mod. *ASPERA* Floerke. R. Cap Chat, *Dodge 2855*; Big Chimney, Mt. Mattaouisse, *Dodge 2837*, Logan range. Mod. *LEUCOCHLORA* Floerke. Big Chimney, Mt. Mattaouisse, *Dodge 2838*, Logan range; Gaspé, *Macoun*.

? *C. CERASOPHORA* Vainio (an *C. gracilis* (L.) Willd. var. *elongata* (Jacq.) Floerke) between Mt. Mattaouisse and Mt. Collins, *Dodge 2869*, Logan range.

C. CORNUTA (L.) Schaer. forma *PHYLOTOKA* Floerke. Baker's woods, Gaspé, *Macoun 150*.

C. PYXIDATA (L.) Hoffm. ampl. Fr. var. *NEGLECTA* (Floerke) Schaer. Big Chimney, Mt. Mattaouisse, *Dodge 2774*, Logan range. Forma *MACROPHYLLA* (Müll.-Arg.) Vainio. Lac Perré, *Dodge 2798*, Tabletop range. Forma *PROLIFERA* Arn. Big Chimney, Mt. Mattaouisse, *Dodge 2839*, Logan range. Var. *CHLOROPHAEA* (Spreng.) Floerke. R. Ste. Anne des Monts, *Dodge 2861*. Mod. *COSTATA* Floerke. Gaspé, *Macoun 140*. Forma *PROLIFERA* (Wallr.) Arn. R. Ste. Anne des Monts, *Dodge 2679*.

C. FIMBRIATA (L.) Fr. var. *SIMPLEX* (L.) Fr. mod. *MAJOR* (Hagen) Vainio. Big Chimney, Mt. Mattaouisse, *Dodge 2769*, Logan range; Capucins, *Collins 4688b*. Mod. *MINOR* (Hagen) Vainio. Big Chimney, Mt. Mattaouisse, *Dodge 2840*, Logan range. *Var. *CONIOCRAEA* (Floerke) Vainio. Fink list. *Var. *RADIATA* (Schreb.) Coem. Little Fox River, *Macoun*.

C. PITYREA (Floerke) Fr. var. *ZWACKII* Vainio. mod. *CLADOMORPHA* Floerke. Big Chimney, Mt. Mattaouisse, *Dodge 2775*, Logan range.

* *C. DEGENERANS* (Floerke) Spreng. Mt. Albert, *Macoun*.

C. VERTICILLATA (Hoffm.) Schaer. forma *APOTICTA* (Ach.) Vainio. R. Cap Chat, *Dodge 2286*.

(To be continued.)